

MENU

SEARCH

INDEX

BACK

NEXT

4/11



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11)Publication number: 07225405

(43)Date of publication of application: 22.08.1995

(51)Int.Cl.

G03B 5/00
G02B 27/64
G03B 17/00

(21)Application number: 06307684

(71)Applicant:

NIKON CORP

(22)Date of filing: 12.12.1994

(72)Inventor:

OKAZAKI MITSUHIRO

(30)Priority

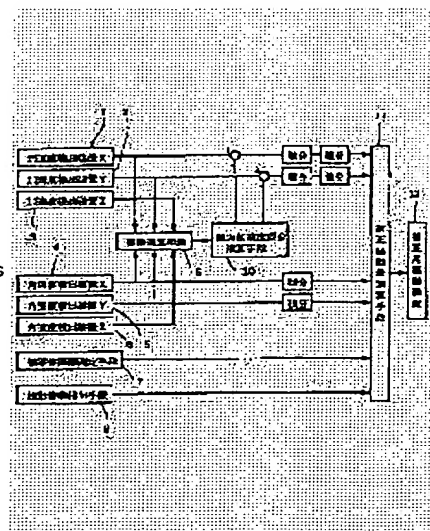
Priority number: 05342631 Priority date: 14.12.1993 Priority country: JP

(54) IMAGE BLURRING CORRECTING CAMERA

(57)Abstract:

PURPOSE: To accurately correct image blurring by accurately detecting the parallel motion of a camera.

CONSTITUTION: An image blurring correcting camera is provided with acceleration detectors 1 to 3 for detecting acceleration in three axial directions applied to the camera, angular velocity detectors 4 to 6 for detecting angular speeds around three axes applied to the camera, a posture calculating means 9 for calculating a coordinate transform matrix between a camera coordinate system and a static coordinate system from the acceleration of three axial directions and the angular speeds around three axes and a gravitational acceleration component calculating means 10 for calculating gravitational acceleration components in the camera coordinate system from the coordinate transform matrix. The gravitational acceleration components are eliminated from the outputs of the acceleration detectors 1 and 2, the displacement of a parallel motion is calculated and a correction driving calculating means 11 calculates the amount of image blurring based on these calculation results.



LEGAL STATUS

- [Date of request for examination]
- [Date of sending the examiner's decision of rejection]
- [Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]
- [Date of final disposal for application]
- [Patent number]
- [Date of registration]
- [Number of appeal against examiner's decision of rejection]
- [Date of requesting appeal against examiner's decision of rejection]
- [Date of extinction of right]

Copyright (C); 1998 Japanese Patent Office

MENU

SEARCH

INDEX

BACK

NEXT